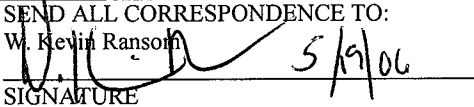


FORM PTO-1390 (REV 7-05)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 033794/311439	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	
INTERNATIONAL APPLICATION NO. PCT/BR2004/000243		INTERNATIONAL FILING DATE December 15, 2004		PRIORITY DATE CLAIMED December 30, 2003	
TITLE OF INVENTION SYSTEM OF CONTROLLING AND TRIGGERING A TRIAC AND A METHOD OF CONTROLLING THE TRIGGERING OF A TRIAC					
APPLICANT(S) FOR DO/EO/US Ronaldo RIBEIRO DUARTE					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.					
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.					
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). This submission must include items (5), (6), (9) and (21) indicated below.					
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
<div style="margin-left: 20px;">           a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).            b. <input type="checkbox"/> has been communicated by the International Bureau.            c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).         </div>					
6. <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
<div style="margin-left: 20px;">           a. <input type="checkbox"/> is attached hereto.            b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).         </div>					
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
<div style="margin-left: 20px;">           a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).            b. <input type="checkbox"/> have been communicated by the International Bureau.            c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.            d. <input checked="" type="checkbox"/> have not been made and will not be made.         </div>					
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
<b>Items 11. To 20. below concern document(s) or information included:</b>					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.					
<div style="margin-left: 20px;"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.         </div>					
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76					
15. <input type="checkbox"/> A substitute specification.					
16. <input type="checkbox"/> A power of attorney and/or change of address letter.					
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13 <sup>ter</sup> .2 and 37 CFR 1.821 - 1.825.					
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).					
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20. <input checked="" type="checkbox"/> Other items or information:					
<div style="margin-left: 40px;">         1) Form PCT/ISA/210 International Search Report          2) Form PCT/ISA/237 Written Opinion of the International Searching Authority       </div>					

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50)		INTERNATIONAL APPLICATION NO. PCT/BR2004/000243		ATTORNEY'S DOCKET NUMBER 033794/311439	
<input checked="" type="checkbox"/> The following fees have been submitted:					
21. <input checked="" type="checkbox"/> Basic national fee				<b>\$300.00</b>	
22. <input checked="" type="checkbox"/> Examination fee (If the written opinion prepared by ISA/US or the international preliminary examination report prepared by the IPEA/US indicates all claims satisfy provisions of PCT Article 33(1-4) .....\$ 0 All other situations..... <b>\$200</b>				<b>\$200.00</b>	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..\$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... <b>\$100</b> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... <b>\$400</b> All other situations ..... <b>\$500</b>				<b>\$400.00</b>	
<b>TOTAL OF 21, 22 and 23 =</b>					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)) The fee is <b>\$250.00</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number)	Rate		
- 100 =	/50=		<b>x \$250</b>		
Surcharge of <b>\$130.00</b> for furnishing any of the search fee, examination fee, or the oath or declaration later the date of commencement of the national stage (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	25 -20 =	5	<b>X \$ 50.00</b>	<b>\$250.00</b>	
Independent Claims	3 - 3 =	0	<b>X \$200.00</b>		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			<b>+ \$360.00</b>		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1150.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$1150.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					
<b>TOTAL NATIONAL FEE =</b>				<b>\$1150.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1150.00</b>	
				Amount to be Refunded	\$
				Amount to be Charged	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 16-0605 in the amount of \$1,150.00 to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0605.					
Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: W. Kevin Ransom  SIGNATURE REGISTRATION NUMBER 45,031 <b>ALSTON &amp; BIRD LLP</b> Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000 Tel Charlotte Office (704) 444-1000 Fax Charlotte Office (704) 444-1111 Customer Number 00826				<b>FILED VIA EFS-WEB - 5/19/2006</b> CLT01/4824025v1	